VMware 2V0-21.20

VMWARE VCP-DCV 2022 CERTIFICATION QUESTIONS & ANSWERS

Exam Summary – Syllabus – Questions

2V0-21.20

VMware Certified Professional - Data Center Virtualization 2022 (VCP-DCV 2022)

70 Questions Exam – 300 / 500 Cut Score – Duration of 130 minutes

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Table of Contents

Know Your 2V0-21.20 Certification Well:

The 2V0-21.20 is best suitable for candidates who want to gain knowledge in the VMware Data Center Virtualization. Before you start your 2V0-21.20 preparation you may struggle to get all the crucial VCP-DCV 2022 materials like 2V0-21.20 syllabus, sample questions, study guide.

But don't worry the 2V0-21.20 PDF is here to help you prepare in a stress free manner.

The PDF is a combination of all your queries like-

- What is in the 2V0-21.20 syllabus?
- How many questions are there in the 2V0-21.20 exam?
- Which Practice test would help me to pass the 2V0-21.20 exam at the first attempt?

Passing the 2V0-21.20 exam makes you VMware Certified Professional - Data Center Virtualization 2022 (VCP-DCV 2022). Having the VCP-DCV 2022 certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

VMware 2V0-21.20 VCP-DCV 2022 Certification Details:

Exam Name	Professional VMware vSphere 7.x (VCP-DCV 2022)
Exam Code	2V0-21.20
Exam Price	$250 USD
Duration	130 minutes
Number of Questions	70
Passing Score	300 / 500
Recommended Training / Books	**VMware vSphere: Install, Configure, Manage [v7]** **VMware vSphere: Optimize and Scale [v7]**
Schedule Exam	**PEARSON VUE**
Sample Questions	**VMware 2V0-21.20 Sample Questions**
Recommended Practice	**VMware Certified Professional - Data Center Virtualization 2022 (VCP-DCV 2022) Practice Test**

2V0-21.20 Syllabus:

Section	Objectives
Architectures and Technologies	- Identify the pre-requisites and components for a vSphere implementation - Describe vCenter Server topology - Identify and differentiate storage access protocols for vSphere (NFS, iSCSI, SAN, etc.) • Describe storage datastore types for vSphere • Explain the importance of advanced storage configuration (vSphere Storage APIs for Storage Awareness (VASA), vSphere Storage APIs Array Integration (VAAI), etc.) • Describe storage policies • Describe basic storage concepts in K8s, vSAN and vSphere Virtual Volumes (vVols) - Differentiate between vSphere Network I/O Control (NIOC) and vSphere Storage I/O Control (SIOC) - Describe instant clone architecture and use cases - Describe ESXi cluster concepts • Describe Distributed Resource Scheduler (DRS) • Describe vSphere Enhanced vMotion Compatibility (EVC) • Describe how Distributed Resource Scheduler (DRS) scores virtual machines • Describe vSphere High Availability • Describe datastore clusters - Identify vSphere distributed switch and vSphere standard switch capabilities • Describe VMkernel networking • Manage networking on multiple hosts with vSphere distributed switch • Describe networking policies • Manage Network I/O Control (NIOC) on a vSphere distributed switch - Describe vSphere Lifecycle Manager concepts (baselines, cluster images, etc.) - Describe the basics of vSAN as primary storage • Identify basic vSAN requirements(networking, disk count + type) - Describe the vSphere Trust Authority architecture - Explain Software Guard Extensions (SGX)

Section	Objectives
VMware Products and Solutions	- Describe the role of vSphere in the software-defined data center (SDDC) - Identify use cases for vCloud Foundation - Identify migration options - Identify DR use cases - Describe vSphere integration with VMware Skyline
Planning and Designing	

Installing, Configuring, and Setup	- Describe single sign-on (SSO) deployment topology
	
	    • Configure a single sign-on (SSO) domain
	    • Join an existing single sign-on (SSO) domain
	
	- Configure VSS advanced virtual networking options
	- Set up identity sources
	
	    • Configure Identity Federation
	    • Configure Lightweight Directory Access Protocol (LDAP) integration
	    • Configure Active Directory integration
	
	- Deploy and configure vCenter Server Appliance
	- Create and configure VMware High Availability and advanced options (Admission Control, Proactive High Availability, etc.)
	- Deploy and configure vCenter Server High Availability
	- Set up content library
	- Configure vCenter Server file-based backup
	- Analyze basic log output from vSphere products
	- Configure vSphere Trust Authority
	- Configure vSphere certificates
	
	    • Describe Enterprise PKIs role for SSL certificates
	
	- Configure vSphere Lifecycle Manager/VMware Update Manager (VUM)
	- Securely Boot ESXi hosts
	- Configure different network stacks
	- Configure Host Profiles
	- Identify boot options
	
	    • Configure Quick Boot

Performance-tuning, Optimization, Upgrades	- Identify resource pools use cases • Explain shares, limits and reservations (resource management) - Monitor resources of vCenter Server Appliance and vSphere environment - Identify and use tools for performance monitoring - Configure Network I/O Control (NIOC) - Configure Storage I/O Control (SIOC)

Section	Objectives
	- Explain the performance impact of maintaining virtual machine snapshots - Plan for upgrading various vSphere components
Troubleshooting and Repairing	
Administrative and Operational Tasks	- Create and manage virtual machine snapshots - Create virtual machines using different methods (Open Virtual Machine Format (OVF) templates, content library, etc.) - Manage virtual machines - Manage storage (datastores, storage policies, etc.) • Configure and modify datastores (expand/upgrade existing datastore, etc.) • Create virtual machine storage policies • Configure storage cluster options - Create Distributed Resource Scheduler (DRS) affinity and anti-affinity rules for common use cases - Configure and perform different types of migrations - Configure role-based user management - Configure and manage the options for securing a vSphere environment (certificates, virtual machine encryption, virtual Trusted Platform Module, lock-down mode, virtualization-based security, etc.) - Configure and manage host profiles - Utilize baselines to perform updates and upgrades - Utilize vSphere Lifecycle Manager • Describe Firmware upgrades for ESXi • Describe ESXi updates • Describe component and driver updates for ESXi • Describe hardware compatibility check • Describe ESXi cluster image export functionality - Configure alarms

VMware 2V0-21.20 Sample Questions:

Question: 1

Which vSphere feature helps prevent a single virtual machine from consuming all of the available resources on a shared datastore?

a) vSphere Network I/O Control (NIOC)
b) vSphere Storage I/O Control (SIOC)
c) vSphere Storage APIs for Storage Awareness (VASA)
d) vSphere Storage APIs Array Integration (VAAI)

Answer: b

Question: 2

Which cluster feature ensures that the compute resource requirements of virtual machines in a cluster are satisfied?

a) Proactive High Availability
b) Distributed Resource Scheduler
c) Storage I/O Control
d) Predictive Distributed Resource Scheduler

Answer: b

Question: 3

An administrator is tasked with assessing which virtual machines (VMs) can be migrated to new servers without any modification to a vSphere environment.

Which VM configuration would enable the use of vSphere vMotion for migrating the VMs to the new servers?

a) Virtual machine with raw device mapping (RDM) mapped only to the host it is on
b) Virtual machine mounted to a host CD-ROM
c) Virtual machine with a clustered virtual machine disk (VMDK)
d) Virtual machine with a physical USB security dongle

Answer: c

Question: 4

An administrator sees that a virtual machine named "VM-A" has a Distributed Resource Scheduler (DRS) score of 25%. What does this score indicate?

a) VM-A is requesting 25% more CPU and memory resources.
b) VM-A is using 25% of its CPU and memory resources.
c) VM-A is experiencing low resource contention.
d) VM-A is experiencing high resource contention.

Answer: d

Question: 5

Which two steps would an administrator complete when configuring vCenter Server High Availability using the vSphere Client?

(Choose two.)

    a) Indicate that the Passive and Witness nodes have been manually created.
    b) Select the management network for the Passive and Witness nodes.
    c) Choose the data replication network for the Active, Passive and Witness nodes.
    d) Configure the name of the vCenter Server High Availability cluster.
    e) Select the deployment size for the Passive and Witness nodes.

Answer: a, c

Question: 6

Refer to the exhibit.
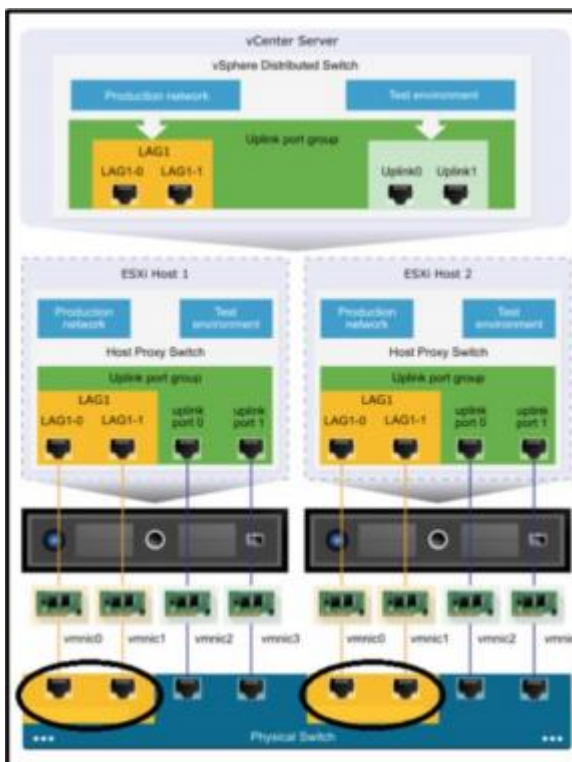
Which supported network protocol is depicted by the areas circled in the exhibit?

    a) Link Aggregation Control Protocol (LACP)
    b) Internet Control Message Protocol (ICMP)
    c) Simple Network Management Protocol (SNMP)
    d) Port Aggregation Protocol (PAgP)

Answer: a

Question: 7

A new vSphere 7.0 environment is deployed with the following:

- A single vCenter Server

- Two vSAN clusters

- Four ESXi hosts per cluster

How many vSAN datastores are available in this environment?

- a) 1
- b) 2
- c) 4
- d) 8

Answer: b

Question: 8

An administrator is tasked with updating a host profile to reflect a recent manual configuration change on a single host in a cluster.

Which option would the administrator select to update the host profile with the current ESXi host configuration?

- a) Extract Host Profile
- b) Export Host Customizations
- c) Copy Settings from Host
- d) Copy Settings to Host Profile

Answer: c

Question: 9

An IT Department configures VMware Certificate Authority to assign certificates to its ESXi hosts. An administrator logs into vCenter Server and notices some ESXi hosts have expired certificates.

How could the administrator renew VMware Certificate Authority-assigned certificates to the ESXi hosts?

- a) Disconnect the ESXi hosts and reconnect them to vCenter Server.
- b) Restart each ESXi host via the vSphere Client.
- c) Connect to each ESXi host and run the services.sh restart command to restart the management agents.
- d) Connect to the vCenter Server Appliance to stop and start the services.

Answer: a

Question: 10

Which resource pool setting should be used to establish a minimum guarantee of resource usage?

a) Shares
b) Limits
c) Reservations
d) Resource usage

Answer: c

Study Guide to Crack VMware VCP-DCV 2022 2V0-21.20 Exam:

- Getting details of the 2V0-21.20 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the 2V0-21.20 exam.

- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.

- Joining the VMware provided training for 2V0-21.20 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.

- Read from the 2V0-21.20 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.

- Practicing on 2V0-21.20 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for 2V0-21.20 Certification

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